GRUMMAN plane news

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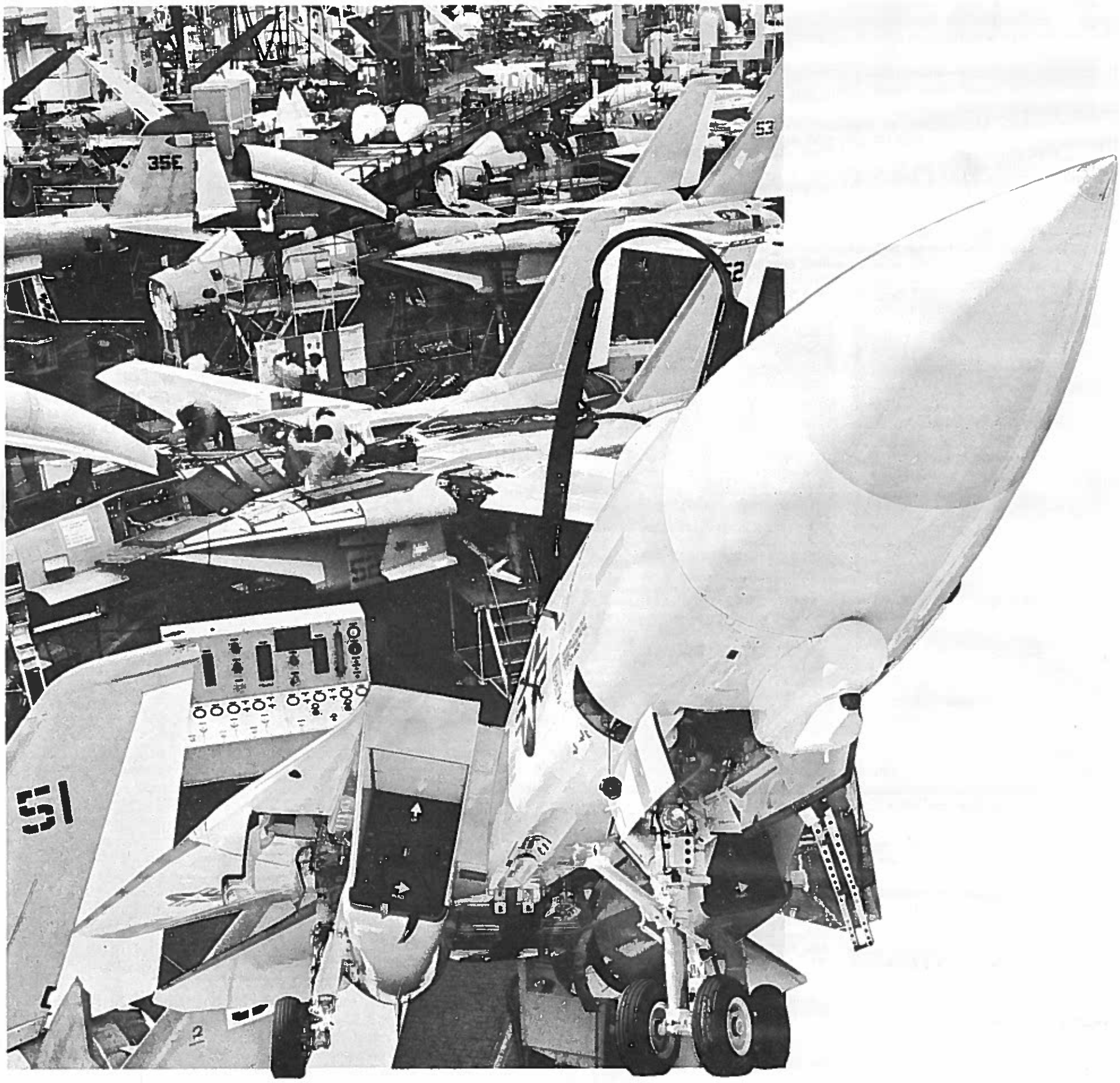


They work 'round-the-clock to deliver planes to the Fleet

— page 5

Brown hits idea jackpot—pockets $2,650 in bonds

To win money is always a great event, but to earn money for suggesting an improvement in your job is something special. For the month of August, $9,800 in U.S. Savings bonds were given out by the Motivational Programs Office to Grumman employees for their corporate suggestions.

The three, big, lucky—industrious—winners for the month were Frank J. Brown of Major Sub-Assembly, Plant 1, with $2,650; Mary Koch, of the Procurement Management office, Plant 30, and Charlie Paravella, of P/S Technical Services, Plant 4, both winners of $1,000 in U.S. Savings bonds.

Senior leadman on the F-14 production line, Frank Brown is a corporate suggestion veteran with over 20 already approved. "When someone in your department wins a corporate suggestion award it sets everyone to thinking how they can better the job they are doing," says Brown.

In Brown's department, the F-14 nacelles were previously constructed in one whole unit, which meant that the nacelle skins could only be fixed onto the fixture by two men. Working space was restricted and that resulted in excessive assembly man-hours and flow time. What Brown suggested was to have the skins cut in half which permitted four men to drill the skin in a separate new forward nacelle fixture, while the old assembly fixture was used for joining and riveting only. This saved many assembly man-hours and gave the men a little more elbow room.

Program for success

While Brown is an old pro at suggestions, Mary Koch is new to the field. She had an idea dealing with computer programs and it earned her a little money to put toward her vacation next year.

A problem arose when the department reprogrammed seven sets of tapes into one set to reduce computer time. This produced a bottleneck in the print-out of reports and was causing scheduling difficulties and errors due to haste. Although several alternatives were being investigated by professional analysts, Mary's idea proved to be the best solution to the problem. She suggested that a split program be designed so that the new set of tapes could be processed simultaneously into the computer, which cut the printout time by 50 percent.

Earning the award proved to be an incentive for Mary. "Right now," she said, "I haven't come up with any new ideas, but I'm working on it."

Making a list

Charlie Paravella has submitted several suggestions but this is the first big winner for him. Paravella saw a better way to tackle his job of writing Support Equipment Listings (SELS) for the E-2. Previously, eight lists were set-up and maintained. By combining the E-2 family lists, Paravella reasoned that only four lists had to be maintained. This change resulted in saving of $106,400, and a $1,000 U.S. Savings Bond for Paravella. "My wife has plenty of ideas what to do with the money", he said, "but right now it's just going to go in the safe deposit box for a while."

If you want to join the winning crowd, and you have an idea to save time and money at work, why not fill out an employee suggestion form. It's free and you have a better chance of winning than in the lottery—and you'll get a lot more satisfaction earning it.

Other winners for the month of August were:

$750 - William A. Cervenka, Power Plant, Pl. 6.
$300 - Charles R. Jennings, Inspection, Pl. 3.
$225 - Vincent J. Lambert, Major Assembly, Pl. 1.
$125 - William F. Szeglin, Sub-Assembly, Pl. 1; John Transue, Ordnance, Pl. 6; Edward Smyth, Sub-Assembly, Pl. 1; Roy D. Ambrosait, Sub-Assembly, Pl. 1.

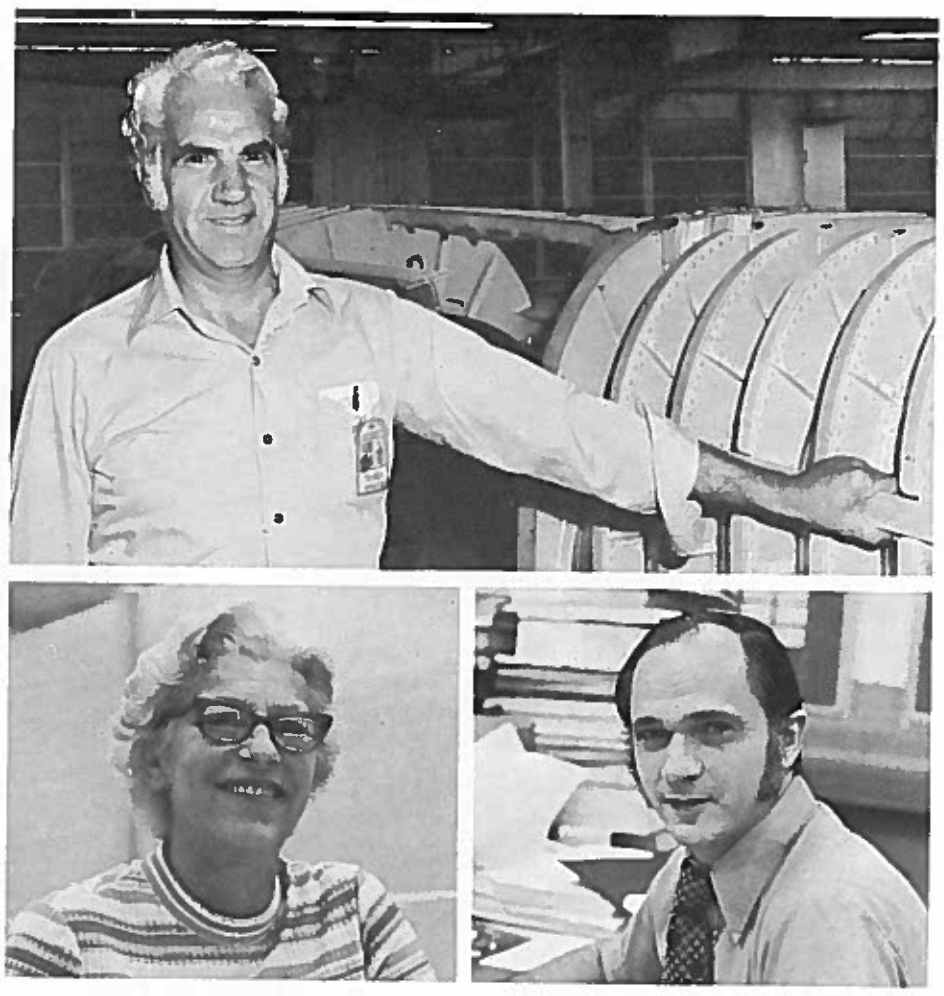
$100 - Les Becker, Release & Control, Pl. 35; Robert Albertson, Prototype, Pl. 1; Gandolfo Messina, Prototype, Pl. 1; James A. Holmes, Maintenance, Pl. 5; Joseph Gallo, Fiberglass, Pl. 27; William E. Staab, Wing Final Assembly, Pl. 3; Joseph L. Beine Jr., Prototype, Pl. 1; Billy Penix, John Diffley Jr., (deceased) of Avionic Inst., Pl. 6; Joseph Kasten, Fuse. Sub-Assembly, Pl. 1; Alvin G. Beyerlein, Major Assembly, Pl. 1; Rocco J. Famiglietti, Employee Services, Pl. 2.

$75 - Frank J. Brown, Henry Koraleski, both of Sub-Assembly; John P. Pekar, Fiberglass, Pl. 27; Alfred Anuszewski, EBW Machining, Pl. 2; Walter Richter, Tool Control, Pl. 2.

$50 - Walter Kowalski, Joseph Cavola, both of Honeycomb, Pl. 3; Albert Umbach, Elect. Fab., Pl. 1; Jacob R. Leaman, Joseph Findley, Out-of-Prod. Spares, Pl. 4; Joe Abbatiello, Plexiglass, Plt. 27; Harold Fitzgerald, Mark Autorino, Clinton Brown, all of Wing Final Assembly, Pl. 3; William Pinto, Joseph Kaltenback, both of Final Assembly, Pl. 3; Peter D'Angelo, Angelo Pomponio, both of Fuse Forward Sub., Pl. 1; William F. Szegiin, Sub-Assembly MJ, Pl. 1; John Talko Jr., Sub-Assembly, Pl. 1; Henry W. Gassman, P/S Supply Data, William R. Hughes, Pl. 3; Joseph Gattulli, Robert Simonetti, both of Fuel Assembly, Pl. 1; Nicholas J. Haus, Jr., Henry Buchanan Jr., both of Major Assembly, Pl. 1; Raymony Sentz, Joseph Nobile, both of Requirements Planning, Pl. 30; Jim Kavanaugh, Bob Blackshaw, Material & Proc. Engg., Pl. 12; John Szymanski, Joe Stapleton, both of Plastic Tooling, Pl. 11.

$25 - John S. Ryan, Meas. Std. Lab., Pl. 6; William Plamer, Insp. Elect., Pl. 7; Al Beyerlein, Sub-Assembly Major, Pl. 1; Rocco Famiglietti, Employee Service, Pl. 2; Sal Bonora, P/s Mech. Design, Pl. 2; Joseph R. Sardi, Drafting, Pl. 2.

C.E. - Fred Atkin, P/S Train., Proj. Mgr., Pl. 39.



Top idea winners. Three people earned a total of $4,650 in U.S. Savings bonds for their corporate suggestions. Top money winner is Frank Brown (top) with $2,650; Mary Koch (left) and Charles Paravella, each earned $1,000.

Meeting the boss

How many people get to meet the big boss on their first day on the job? Very few, right? Well, imagine how Lucille Graziano felt on her first duty tour as a naval reservist when she was photographed with Vice Adm. Damon (Hutch) Cooper, new Chief of Naval Reserve. Lucille, who works for the Naval Plant Representative's Office at Calverton, was recruited into the Naval Reserve Combat Camera Group, based at Floyd Bennet Field, Brooklyn, as a Yeoman Second Class and was working as a script clerk when she met the admiral.

They still remember

A couple of weeks ago, a group from the Grumman Ex-Service Men's Club entertained about 100 patients at Northport VA Hospital with a barbecue picnic. It's the kind of helping hand the club has been providing hospitalized vets for more than 25 years. If you would like to help, call Al Kordula, Ext. 87259.

Grumman Aerospace to build two satellites for $13 million

Grumman Aerospace has been awarded a $13 million contract by the U.S. Air Force Space and Missile Systems Organization (SAMSO) to design and build the Earth Limb Measurement Satellites (ELMS) system.

The ELMS will be launched from the Western Test Range at Vandenburg Air Force Base, Calif., and will then orbit the earth at approximately 300 miles altitude. The purpose of the satellites is to observe and measure aspects of various scientific theories.

Ed Offenhartz is program manager for the project, Hart Wagner, engineering manager, Otto Mayer, assembly and test manager, and George Callas, procurement manager.

Launch of the first satellite is scheduled for 1975 and the second is slated for 1976.

Gets $6.75 million for F-14 tests

Grumman Aerospace has been awarded a $6.75 million contract to conduct a weapons system flight test follow-up program on the F-14 at the Naval Missile Center, Pt. Mugu, California.

"This contract is the result of the talents developed at Pt. Mugu," says Tom Brancati, F-14 director of operations at Pt. Mugu, "plus the successful ground and flight test efforts to date in meeting all milestones. These talents, along with the existing resources, have played no small part in the Navy's decision to place a new contract with Grumman to conduct a follow-on flight test program at the Pacific Missile Range."

The contract, for the fiscal year 1974, is renewable annually and calls for continuation of the evaluation of the F-14 at the Naval Missile Center. Ground integration and flight testing of all refinements to the avionics and weapon system will be developed, installed, and evaluated in the laboratory where SITS (System Integration Test Station)—a mock-up of the forward module of the F-14 — is located. When live target acquisition is required, SITS is rolled out through overhead doors on a track-and-roller arrangement to track targets over the Pacific. System stimulation and data analysis are provided by computers located in the SITS laboratory.

During flight hours, weapons system runs are conducted in the Pacific Missile Range. Specifically instrumented tracking radars at Pt. Mugu and San Nichols Island—located 20 miles offshore—follow the flights and transmit data in the continuing integration demonstration and evaluation of a total F-14 weapons system.

Parker elected to presidency of Paumanock Development

Clint Towl, Board Chairman and Chief Executive Officer of Paumanock Development Corporation (formerly Montauk Aero Corporation), announced on September 13 that the board of the Grumman Corporation subsidiary had elected these officers:

Chet Parker, President; Tom Gill, Vice President and Assistant Secretary; Bob Freese, Treasurer; John Galligan, Secretary; and Gerard Vanella, Controller. In addition, the board also appointed James Reilly as Assistant Treasurer. (Towl is also Board Chairman and Chief Executive Officer of Grumman Corporation, the parent company of all Grumman subsidiaries.)

Paumanock Development Corporation is involved in the acquisition, sales, development, and leasing of certain real estate, and it also assists other Grumman subsidiaries in real estate matters.

The new President of Paumanock, Chet Parker, joined Grumman in 1956. A graduate of Renssalear Polytechnic Institute, Parker started in Facilities Engineering as a civil engineer, and nine years later was named director of Facilities. He held that post until October 1970 when he was appointed staff assistant to Administrative Vice President John O'Brien. In February 1972, Parker transferred to Grumman Corporation to work solely on real estate matters.

Parker and Tom Gill are situated in the Grumman Headquarters Building, Stewart Avenue, Bethpage, and may be reached on Ext. 1224.

Chet Parker

Iranian visitors. On Sept. 18, at the request of the Shah of Iran, the Vice Minister of Defense of the Imperial Iranian Government, General Hassan Toufanian, visited plants 6 and 7 at Calverton to look over the F-14. According to Director of Customer Requirements Tom Kane, General Toufanian's comments about the aircraft were all "highly positive." General Toufanian was accompanied on the tour by his deputy, Hooshang Dehesh, and his son, Abdulla. (Photos by Bob Settles.)

service milestones

35

Lawrence A. Pacelli, Flight Ops. (7)
Simon W. Kempf, P/S Site Requirement. (15)
Nicholaus Nock, P/P Warehouses (21)
Edwin J. Halpin, Central Receiving (24)
Frank X. Tyner, Jr., Requiremts. Planning (36)
Roy E. Appelgate, E-2C Wings (77)

Raymond Rabell, Prototype, (2)
James F. Fox, Dets. & Subs. (2)
Matteo A. Franza, Dispatching (2)

30

Frank Berni, Prod. Release (1)
Harry H. Hoffman, GSE Mech. (2)
Arthur C. Burkhardt, Prod. Release (2)
Robert Baumann, Mach. Oper. (3)
Robert W. Messler, Ind. Engg. - Crewload (3)
Joseph A. Roshinko, Static Test (5)
George J. Souhrada, Presentation Serv. (5)
Therese M. Hauser, Mail Service (5)
John J. McCullagh, Simu. Devel. & Eval. (14)
Anthony J. Fusaro, Plant Protection (18)
Roy W. Stephenson, Trans. - Oper. (20)
Bernard J. Sheehan, Sr., P/S A/C Sys. (25)
Chauncey G. Nichols, Requiremt. Planning (30)
Helmut C. Querbach, Upholstery (36)
George A. Burmester, GDS (40)

25

David J. Paisley, Prototype (1)
Thomas Manetta, Fuselage Join. (1)
Vincent J. Lambert, Prod. Plt. (1)
Edwin W. Szybillo, Meth. Engg. (1)
Sidney V. Johnson, Struct. Anal. (1)
William V. Maccabee, Inspect. (1)
Vincent A. Milano, Program Mgmt. - F-14 (1)
Armondo P. Polesso, Prototype (2)
Charles C. Anzalone, Form Block (2)
Frank Boscarello, Spec. Tools/Meth. (2)
Charles W. Ward, Router & Shear (3)
John Zaikowski, Router & Shear (3)
Eugene W. Dickerman, Engraving (3)
Robert A. Burns, Meth. Engg. (3)
Leo E. Le Roux, Dist. Serv. (3)
Leon J. Paisolli, GSE Mech. (5)
Walter T. Cooper, Mech. Struct. (5)
John Milli, Harness (5)
Howard G. Olsen, Meth. Elect. Tech. GSE (5)
Kennedy R. Gruebel, Presentation Serv. (5)
Bernard J. Traynor, Struct. Design (5)
Arthur A. Filete, Estimating (5)
Richard W. Sturm, Warehouse (6)
Samuel R. Santangelo, Support (6)
William H. Kobel Support (6)
William J. Pitagno, Repair Control (6)
Dominic A. Valenza, Veh. Prod. (6)

20

Edwin E. Cooley, Sub-Assembly (1)
Helen DeSetta, Repro Serv. (1)
Delmont W. Merrill, Jigs-Fixtures (2)
Anton Buechler, Die Shop (2)
Kenneth E. Hubner, Templates (2)
Joseph P. Gebbia, Fluid/Mech. Tool (2)
Claudio Memoli, Optical Tool & Metrol. (2)
Arthur T. Diederich, Presentation Serv. (2)
Peter Pazusas, Conv. Mach. (3)
Joseph C. Kincaid, Mach. Ops. (3)
William Hubschman, Assembl. Tool (3)
Edward Mc Crossen, Maintenance (3)
Hector S. Azzaro, Q.C. Tech. Serv. (3)
Walter Wagner, Electronic Test (4)
Stanley Lyczkowski, Wire Prep. (5)
Algie J. Bubnis, Plant Protection (6)
Walter Wall, Fluids (6)
Francis M. Moscater, Elec. Install. (6)
William A. Brehm Jr., Prod. Mgmt. (6)
Percy R. Sharp, Sub-Assembly (6)
Joseph A. Caviola, Safety (6)
Warren A. Etzel, Elect. Test (15)
John L. Schene, Plant Protection (18)
Gregory S. Criscione, Plant Protection (18)
Glenford J. Wennagel, Prol. Engg. Veh.-Tech. (25)
Arthur S. Schorr, Special Tools & Meth. (27)
Charles M. Checola, Repair Control (30)
John J. Moylan, Crew Systems (35)
Helena Wilenski, Grumman Ecosystems

15

Joseph W. Crobona, Fuselage Assemb. (1)
Bing S. Sue, Fluid Power (1)
Vincent M. Maqqipinto, Prod./Mach. Engg. (1)
Theodore J. Martines, Maintenance (1)
Michael V. Ciminera, F-14 Prog. Mgmt. (1)
John B. Gianni, Flight Oper./Gulf O&R (2)
Robert W. Boyd, Food Service (2)
Irene I. Henning, Food Service (2)
Winifred Hores, Food Service (2)
Abraham N. Levine, Spotweld. (3)
Clifford H. Holmes, Join/Mid. Install. (3)
Matthew Baran, Honeycomb Prep. (3)
Herbert Puccinelli, Inspection (3)
Francis J. Gallagher, Inspection (3)
Raymond E. Doll, P/S Mgmt. (4)
Theodore A. Zach, P/S Site Requiremt. (4)
Walter A. Smith, Flt. Transport. (4)
Pasquale J. Amoroso, Flt. Avionics (5)

(Continued on page 9)

D. J. Paisley | T. Manetta | V. J. Lambert | E. W. Szybillo

S. V. Johnson | V. A. Milano | A. P. Polesso | C. C. Anzalone

F. Boscarello | C. W. Ward | J. Zaikowski | E. W. Dickerman

R. A. Burns | L. E. Le Roux | L. J. Paisolli | J. Milli

H. G. Olsen | K. R. Gruebel | B. J. Traynor | A. A. Filete

R. W. Sturm | W. H. Kobel | W. J. Pitagno | D. A. Valenza

'THE BLITZ IS ON'

CALVERTON—Though jet flights have become an almost daily sighting for eastern Long Island residents these past 20 years, some adventurous spirits can still be seen—hands upraised against a glaring sun—following the trail of sleek Grumman fighters as they streak across the sky toward testing zones over the Atlantic. But it isn't only the local inhabitants, or corporate residents, who are following the progress of the flights these days. More and more, visitors from Congress, the Navy, various news media, and even foreign countries are putting Calverton on their itinerary.

The big draw, naturally,is the F-14. It has been for some time, at least in this country. But following the Tomcat's dramatic introduction to the aerospace world this spring at the Paris Air Show, international interest has heightened in the Navy's new air superiority fighter.

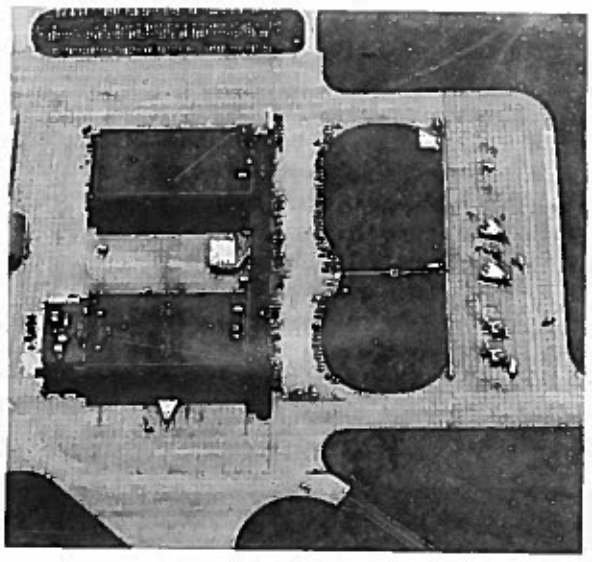
Though the F-14 draws most of the publicity, Grumman has two other solid performers being final assembled and flight tested at Calverton: the A-6E, reputed to be the world's finest all-weather attack plane, and the EA-6B, an ECM aircraft that was a standout in the closing days of the war in Southeast Asia. Because these planes are so important to the U.S. Fleet, there's a 'round-the-clock effort going on at Calverton these days to meet rising delivery rates. As one production supervisor refers to it: "The blitz is on—and Calverton is out to deliver."

There's a feeling at Calverton that what goes on here is the measuring point for success in the Company. Aircraft are jam-packed on the production floor at Plant 6, sometimes spilling over onto the apron adjoining it, and the number of production flights at Plant 7 are increasing. But the combination to Grumman's near future could well be wrapped up in the numerals 58-36-40. At least that's the message Vice President George Skurla has been preaching since he became general manager of Calverton Operations in June. The numerals 58-36-40—they're plastered all over the production facility at Plant 6—refer to aircraft "tail" numbers on the F-14, A-6E, and EA-6B that must be sold to the Navy by year's end. And judging by the pick-up in the production work tempo and increased flight activity at Calverton, Skurla has been making a lot of believers.

Right now, there's an F-14 with a big 58 stenciled on its tail proceeding along the production line at Calverton; and other planes carrying the numerals 36 and 40 are showing up on the A-6E and EA-6B lines. As they work their way along the line toward flight "sells", these planes will also be bringing the Company closer and closer to meeting its 1973 production commitments at Calverton.

Although the outlook is improving dramatically, they are not without problems here. Most important is the physical one: plant space is at a premium. Weather, too, is a key factor: good flying conditions can help speed final delivery of aircraft to the Navy. Another vital consideration is parts: they must arrive in a continual flow from suppliers and other Grumman manufacturing plants if the year-end goals are to be achieved.

So there it is — old and young, men and women, veterans and newcomers; pilots, mechanics, engineers, electricians, painters, clerks, secretaries, maintenance men, drivers, even cooks and bottle washers. The work goes on day and night, every day of the week. They need plenty of help from many other parts of the Company to make those magic numbers: 58-36-40. But their confidence is growing. They feel they're going to make it!



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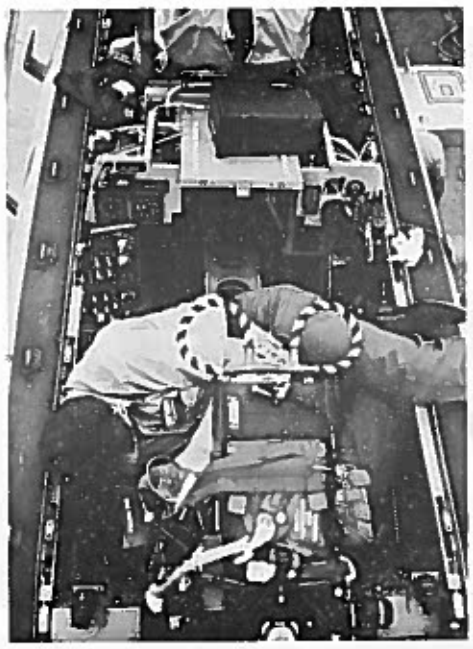

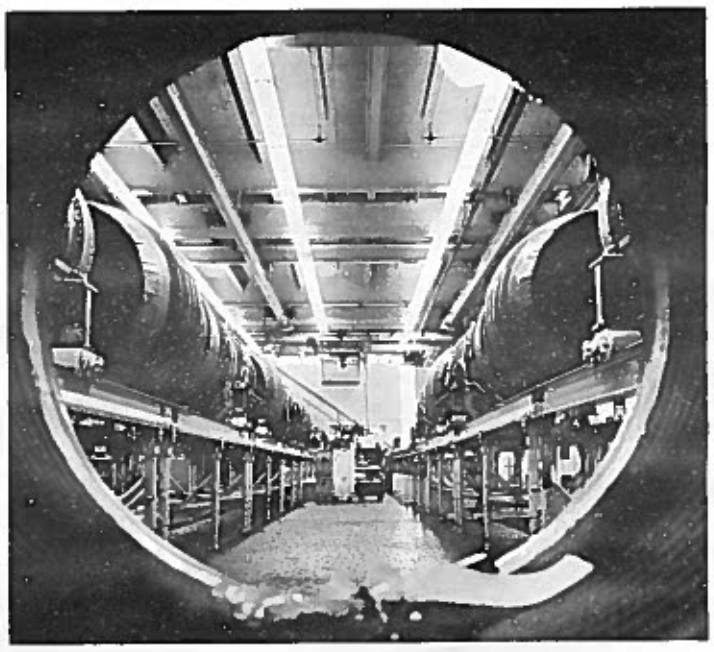

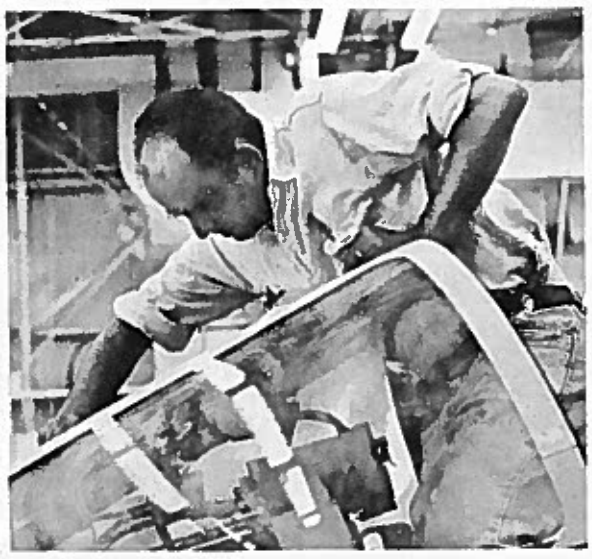

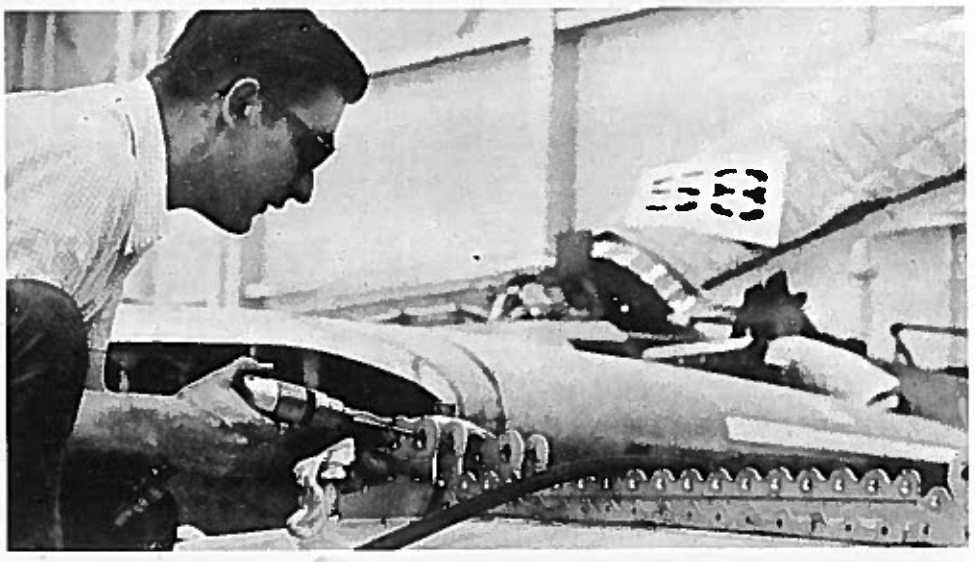

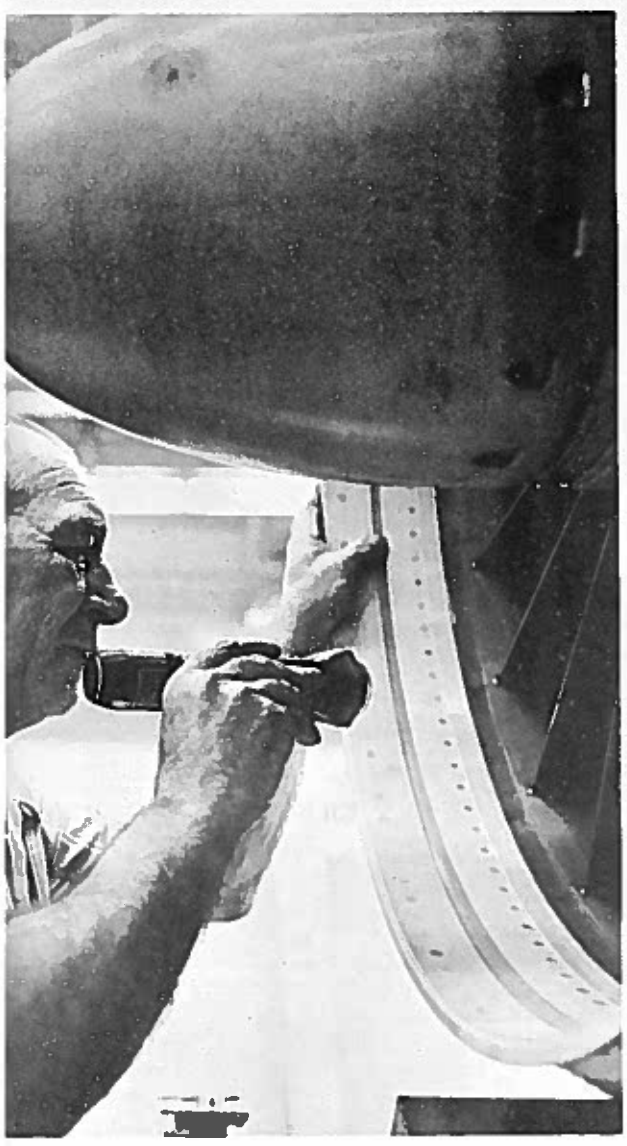

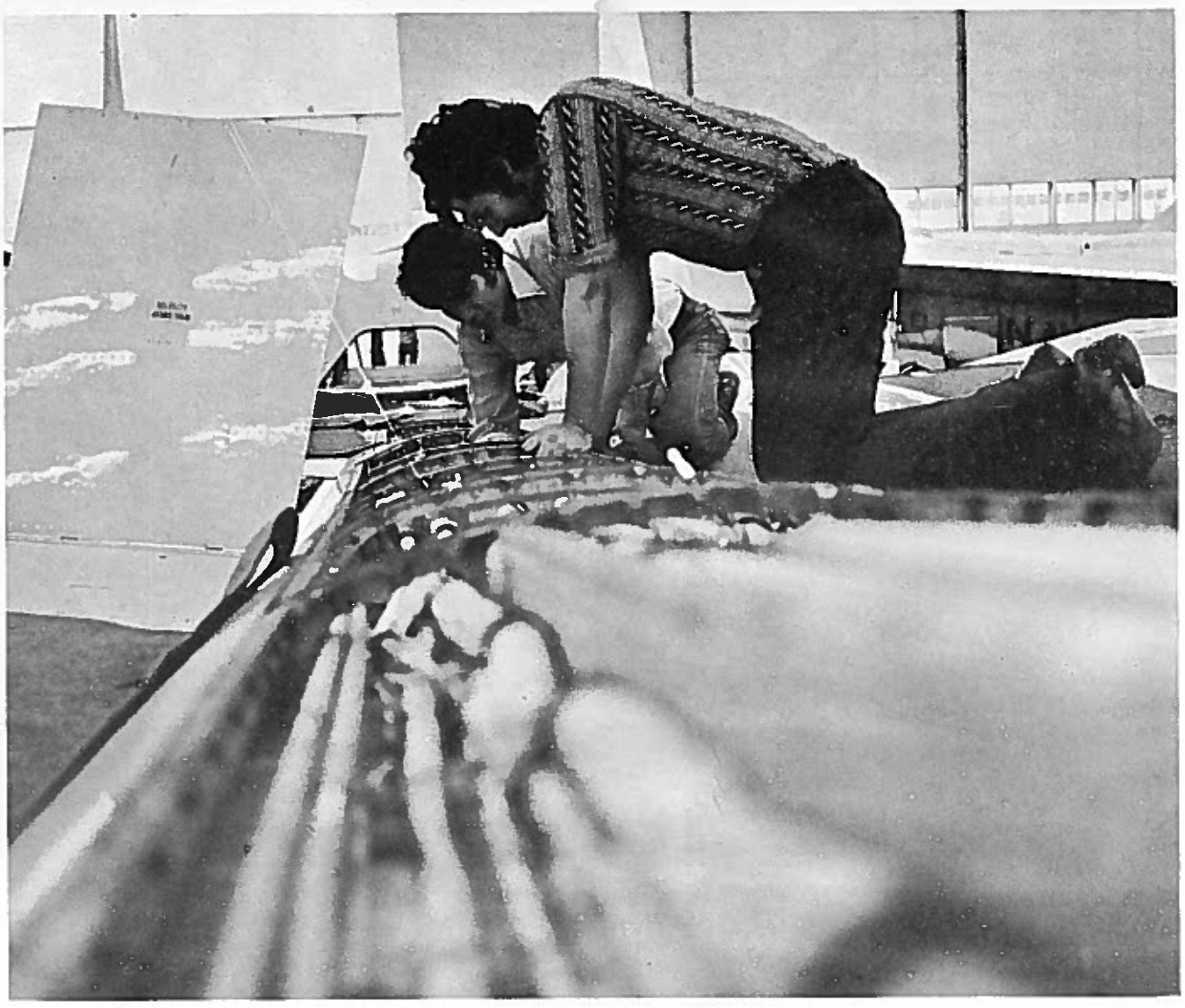

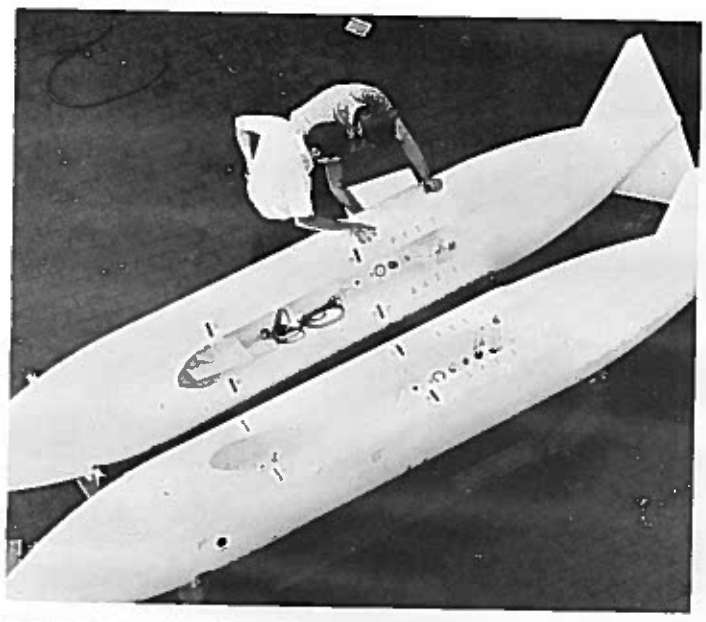

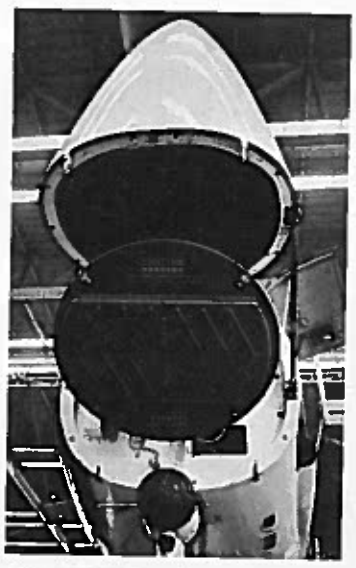

Photos by Dick Sander

Spalding, Betterino turned on to record pace in pin opener

Dick Spalding and John Betterino returned to the lanes in the Masters loop a couple of weeks ago—and acted as though they had never been away. Dick threw a strong 259 line and finished at 779 for his four-game set, while Betterino soared to 857 on games of 257 and 227. Among the other highlights in the first two sessions were Ike Washington's 229-789; Al Kirillin's 796; Dick DiDonato's 224-805; Nick Malandro's 235-801; Sid Kaufmann's 231-792; Vin Crevoiserat's 233-785; and Jack Nielsen's 780.

It didn't take Frank Nelson long to set things right in the Trader loop. Nelson took over the scoring lead with a 609 on 219 and 203 lines. Mel Griffith pushed to 213-591 and George Ketcham totaled 590. Other standouts: Ken Smith, 577; George Landin, 201-565; and Pete Treffeisen, 203-561. . . . Bob Caminiti threw 200-569 and John Zamojcin registered 211-548 to head Outpost scoring, and in the Red circuit, Bob Ogilvie's 200-224-623, Joe Glasser's 243-594; and Kevin Kremler's 211-552 were high spots.

Martha Juppe got a good jump toward acquiring the women's records in the Woodbury Mixed loop with 207-566. Next in line was Kathy Degnan's 173-483. Dick Bassano fired 235-602, and Bill Lawson hit 210-524. . . . Joe Cimolonski's 234 collected high-game honors in opening play of the Bethpage Nite Owl league, but Ernie Jenkins showed up in both sessions with 222 and 203, while Rudy Dunkley threw 206, Art Brown, 203, and Tom Scardino, 201.

It's your game—take your pick

The GAA is scheduling paddleball, horseshoes, and handball tournaments to begin Monday, October 15. If you wish to enter any of the tourneys, fill out the form below and mail it to GAA, Plant 30 by Friday, October 5.

Tourney play will take place during lunch hours.

Tournament Entry Registration

Paddleball ..... Horseshoes ..... Handball .....

Singles ..... Doubles .....

Name ..... Ext. .....

Plant ..... Dept. ..... Perm. No. .....

Doubles Partner

Name ..... Ext. .....

Plant ..... Dept. ..... Perm. No. .....

Entry Deadline Friday, October 5
(Forward to GAA office, Plant 30)

Jets tickets going on sale

The Grumman Athletic Association expects to obtain a limited number of tickets to the Jets' home games at Shea Stadium this season and will hold a drawing on Monday, October 1, to determine who will be eligible to purchase those tickets.

Ticket prices for Shea are: field level reserved, $6.50; upper level reserved, $8. According to GAA, a purchaser can buy no more than six tickets for the season and no more than four tickets for any one game.

The drawing on Oct. 1 will begin at 5:30 p.m. in the Plant 28 lobby. Remember, pretty soon the Jets will have the only game in town.

For further information, call GAA, Ext. 2133 or 2269.

Florida flight

GAA also reminds Grummanites that it has a limited number of reservations left for an air trip to Orlando, Florida, over the year-end work hiatus. Orlando is within easy travel distance to Disney World, Kennedy Space Center, and Cypress Gardens. The flight leaves December 26 and returns December 30. Further information may be obtained from the GAA office, Plant 30, Ext. 2133 or 2269.

'Just for fun'

If you're a woman — could that be female chauvinism? — and you want to bowl "just for fun," then why not join the Ladies bowling league which rolls every Tuesday from 5 to 7 p.m. at South Levittown Lanes. For further information, call Penny Baldassare, Ext. 86296, or Maryann Bienias, Ext. 87316.

Repeat win for Shadows

Those twilight hours are getting shorter and shorter — and the same could be said for the softball season at Grumman. There are still a few fervent slow-pitch adherents hanging on to the last vestiges of summer, but they, like the summer, are slipping silently away.

The shadows are lengthening . . . and maybe that helps explain why those other Shadows proved so elusive for the Hellcats in the championship series in Wednesday after-hours play. And to paraphrase Muhammed Ali, "They float like a butterfly, sting like a bee." After two games it was all over, with the Shadows the champs once more—it makes the second-year-in-a-row for them — on a final 8-5 triumph. The big hitters: Al Wallace, Rob Ogilvie, Bruno Sidor.

At Plant 1, the Misfits got rehabilited after two losses in the Plant 1 playoffs and turned on their tormentors, whacking the Oldtimers, 11-5. Wes Douglas, Kippy Kippybida, Dan Pierce, Hank Szubdza, and Hank Buchanan did the damage with the stick. Ken Smith and Frank Jagiello led the Oldtimers at bat. Earlier the Oldtimers won 15-10 and 10-9 on hitting of Gunther Jagiello, and DeSanto and a homer by Hal Ferber.

Monos on the move

A six-run spurt in the sixth inning helped the Monopoles go one up on the Good Guys in the Monday playoffs. Bill Diercks' homer sparked that rally as the Monopoles finished on top, 14-12. Ed Gabriel also homered for the Monos, while Klecan, Sabia, and Keuling for the Good Guys hit for the distance.

Richie Migliorisi added to his standout batting average at Plant 2 a couple of weeks ago as he contributed five hits to the Leakers' 16-8 win over the Swingers and ran his own percentage to .694.

service milestones

L. A. Pacelli — S. W. Kempf — N. Nock — E. J. Halpin — F. X. Tyner Jr. — R. E. Appelgate

(Continued from page 4)

Ronald P. Hrubes, Wood Shop (5)
Walter R. Burhans Jr., Advanced Aircraft Syst. (5)
Frank J. Locascio, Engg. Dev. Test Oper. Mgmt. (5)
John J. Herba, Ground Test. Install. (5)
Thomas Trifaro Jr., Instru. Test (6)
Frank Brancaccio, Instru. Test (6)
Joseph A. Wickel, Govt. Material Contrl. (6)
Howard C. Carroll Jr., Mech. Support (6)
William L. Beitch, Vehicle Prod. Support (6)
Thomas F. Kattau, Elect. Fab. (7)
Joseph T. Fishchetti, Maintenance (12)
Jerry G. Katz, Spec. (12)
Joseph W. Hizinski Jr., Maintenance (13)
Frank E. Pluhar, P/S Mech. Engg./Design (15)
Malcolm R. Chapman, Prod. Engg. Veh.-Tech. (15)
Joseph P. Fierro, Plant Protection (18)
Paul Biggio, Rec. - Inspect. (24)
Kenneth R. Weaver, Alg. & Cr./Arm Pyrotech Sys. (25)
Charles A. Nathan, Trajectory Analysis (25)
George H. Finch, Tech. Staff (30)
Guy J. De Prado, Pricing/Resources (30)
Dolores M. Gosline, Contract Revenue (30)
Louis P. Ditez, Crew Syst. (34)
Donald G. Rott, Controls-Mechanisms (35)
Richard G. Marth, Displays-Instrum. (35)
Thomas S. DiCicco Jr., Standards (35)
Anthony P. Pace, Standards (35)
Louis H. Hemmerdinger, Veh. Thermal Bal. (73)
Cornelius R. Dore, Struct. Analysis (73)
Olive M. Hadzor, GDS
Margaret R. Cornell, GDS
Mildred Avellino, GDS
Constantine Poulos, Grumman Corp.

For Rent

HOUSE: Selden, 4 bedrms. high-ranch, mother-daughter, up-level 3 bedrms., liv., din., w/w, lower level, 1 bedrm., liv. rm., 2 full baths. 472-2631 after 6 p.m.

APT.: Oyster Bay, 4 rms., bath, all util., no pets, children, $225. 922-3483.

APT.: So. Floral Park, 3 rms., bath, $170. util. inc. FL 4-4746.

HOUSE: Islip Terrace, 25 min., 5 rm., ranch, fenced, redecor., walk to shops, ½ acre playground, $285/mo. plus util. 681-2986.

FURN. RM.: priv. entr., female pref., $25. MY 4-3467.

FURN. RM.: priv. bath, entr., nr. Grumman. WE 5-5012 after 6 p.m.

Wanted

MANIFOLD: Exhaust, for 6 cyl. Chriscraft, '47-65, 95 hp, Model K. TU 8-5961.

TRAINS: Lionel, 'O' - '027' gauge. 581-2999 evgs.

APT.: 3 rm. unfurn., nr. Bethpage, single woman. 481-6755.

VW BODY: for '66. HA 1-4220 before 6 p.m.

SAILING KIT: for Grumman canoe. 931-3089.

GOLF CLUBS: Inexpensive junior, ladies starter clubs. 581-7893.

FORD: '68 Ford Falcon, 6 cyl., std. trans., 2 dr. sedan, body must be in good shape, pay accord. to running condition. 669-2855.

Car Pool

ROCKY POINT: to Bethpage, early srift, 7 a.m. 744-9057.

BAYSHORE: Islip, to-from Plant 6, 7 a.m. to 3:30 p.m. K. Sawyer, Ext. 334.

QUEENS-MANHATTAN: to Plt. 25 or 5, start 8:12 a.m. 212-744-3371.

Ride Wanted

BOHEMIA: to Plt. 25, 8:12 to 4:42. 589-2624.

BKLYN.: vic. Bay 50th & Stillwell Ave., 7 a.m. to 3:30 p.m., plt. 5. HI 9-7387.

For Sale

IMPALA: '63 4 dr., V8, auto., nds. minor body wk., rebuilt eng., ask. $160; '71 Scrambler motor bike, "Moto-beta" 100 cc, ask. $220. 727-8880.

COROLLA: '71, vinyl tp., buckets, snows, radio, stick shift, low mi., $1,175. AT 6-8482 after 5 p.m.

DODGE DART: '66 conv. 273 v8, p/s, $400. 929-4780.

CORVAIR PARTS: '65 eng., 110 hp., low mi., $125; '65 white conv. roof, good wndw., $50. 694-3198.

VW FASTBACK: '69 light blue, rebuilt eng., $1,000. PE 5-6157 after 5 p.m.

CORVETTE: '69 coupe, 427, 390 hp., 4 spd., new paint, p/s, p/w, tape, $3,100. 785-3641.

KITCHEN SET: Wrought iron, tbl. 34x50, two leaves, chrs., ask. $75. 427-9542.

SEWING MACH.: Port. Singer, w/case, used 4 times, $40. BA 3-5182.

MISC.: Casement wndw., 7 ft. x 3 ft., fully glazed, alum. screens, $25. OV 1-1286.

SEATS: Two love seats, aqua-gold, $50 ea. 842-7590.

TIRES: F78x15, two fbgl. belt., reg. thread, one snow tread, w/rambleer whls. 626-2825.

YOUTH BED: Wht. Early Amer., 2 mattr., sheets-bedding, $35. JU 4-6387.

PORT. HEATERS: Two, elec., $25. 212-JA 3-4083.

MISC.: Baby carr., $15; oval glass tbl. tp., 52x 41½ in., $15. 796-6159.

DINING RM. SET: Walnut Dan. modern, 40x60 tbl. w/2 leaves, tbl. pads, 4 chrs., 5 ft. china closet, tea wagon, $300. JU 1-6796.

MISC.: Dinette set, 42 in. rd., open to 63 inch., 3 chrs.; mink stole, $99. 368-2915.

MISC.: Liv. rm. couch, 70 in. blk. wht. cut velvet, $85; club chrs., pr. red cut velvet, $40 ea.; cust. carpet, red shag, 12x20 and 9x12, both for $175; lamps, $15, $10; 889-6038 after 6 p.m.

KITCHEN SETS: 42 in. octagon shaped tbl. w/18 in leaf and 4 chrs., 39 in x 30 in. rectangular, tbl., w/7 in. leaf, 4 chrs. 798-1988, after 6 p.m.

MISC.: 6 ft. trestle tbl., 2 benches, dk. pine, $170; 2 rugs, 8x10, 13x15, gold acriln., fringed ends, $250 both. MY 2-6533.

CHEVY: '62 sta. wagon, $75. SU 1-0277.

For Sale

BOOKS: Comptons picture encyclopedia, '32 edition, $10. 223-1064.

POOL COVER: for 24 ft. round pool, best offer. JU 1-7780.

FURNITURE: Contemp. 84 in. coral sofa, match. brn. club schr., both w/slipcov., $125; tbl. lamp, $15: walnut wd. wall clock, $15. 731-4609.

PROJECTOR: 35mm slide, Bell & Howell, cube, auto. focus, w/cubes, $40. 724-2496 after 6 p.m.

MISC.: Royal Apollo, elec. port. typewriter, $75.; 18 in. Sears rotary mower, $20; misc. sprite/midget car parts; Volvo B-16 cyl head w/carbs/manifold, $25; '55 Chevy 6 cyl. eng. w/clutch, $50. PY 8-4258.

MISC.: Carpenter tool box, compl., $35; soap vend. mach., best offer. CH 9-4854.

FURNITURE: Contemp. 3 pc. sect., blue; 2 arm chrs., gold; 2 end tbls., cocktail tbl., 2 lamps, $250. 281-1829.

TIRES: Two L78x15, four ply nylon, approx. 1,000 mi., $35. SH 5-8152.

HOUSE: Distr. 23, 2 ful baths, fin. basemt., scrn. porch., patio, 18x32 pool, front porch, sundeck, gar., liv. rm., din. rm., 4 bedrms., $43,000. 541-4513.

For Sale

CAMERA: Bronica, 2¼x2¼ SLR w/80mm f2.8, 50mm f3.5, 135mm f3.5, 5x hood, close-up ext. tubes, exrat film insert, $550. 261-7651 after 7 p.m.

TIRES: Snows, (2) unmtd., 700x13, used 2 wks., $25. HR 3-2673.

MISC.: French prov. walnut stereo, am-fm, $175; 30 gallon fish tank, fully equip., $65. 931-5229.

DIN. RM. SET: Danish mod. Broyhill tbl., 3 leaves, breakfront, 6 upholt. chrs., tbl. pads, $400. 822-5832.

SADDLE: Western roping hand tooled, $110. 864-8661.

FURNITURE: (8) pc. mod. din. rm. set, $100; chandelier, $25; (3) light bar type rm. divider, $50; 24 in. Motorola tv, $30. CH 9-1730.

MISC.: G.E. trash compact., ask. $200; filter flow spin pool filter for 18 ft. pool, all access., $40. CA 1-2098.

HOUSE: Rocky Point, cust. ranch, brick front, circle drive, center hall, sunken liv. rm., 3 bedrms., 2 baths ,many xtras, $55,000. 744-9342 evgs.

MOBILE HOME: 2 bedrm. "Holly Park", in adult park, Wading River, oil heat, two utility sheds, 12x60. 929-6858.

For Sale

CADILLAC: '68 Eldorado, silver, blk. int., full pwr., am/fm, climate contrl., new brks., batt., $2,000. 347-6516.

NEWPORT: '66, 4 dr. sedan, a/c, auto., p/s, p/b, w/w, radio, $600. 751-2583.

BELAIR: '65 6 cyl. std. shift, 4 dr. sedan, $150. 212-251-6087.

DODGE: '72 Challenger Rally 318B V8, p/s, p/db., auto. torque, fm stereo, buckets, console, rr. defog., mag wheels, $3,000. SU 5-3443.

VW: '63 rebuilt eng., Porsche wheel covers, new brks., inter. refinish., rebuilt body. WA 1-4882.

DUNE BUGGY: Cust., blue-silver, metal flake, hdtp., side curtains, L60x15 chr. reverse, $750. 681-1286.

CATALINA: '69 4 dr. sedan, gold, 2 snows-rims, p/b, p/s, p/w, a/c, $1,100. WE 5-0885 after 5:30 p.m.

CADILLAC: '60 De Ville sedan, p/s, p/b, a/c, radio, new trans., low mi., new tune-up, $300. 785-5809 evgs.

CUTLASS: '72, auto., 4 dr., p/s, p/b, w/w, 13,000 mi., $3,100. 231-4867.

DODGE DEMON: 318 eng. a/c, p/s, p/b, low mi., sunroof, bucket seats, 541-9064.

SKYLARK: '65 Buick, yellow/br. vinyl tp., p/b, p/s, a/c, $450. 271-1505.

BOAT: '62 16 ft. w/'61 40 hp Johnson w/'70 Murray trailer, best reason offer, 671-6532, ask for Jeff.

SAILBOAT: Sunfish type, Galstron, red/wht., can be cartopped, ask. $395. MA 3-9767.

BOAT: 17 ft. Crestliner, Johnson, 75 hp. outbd., Ho'sclaw, tilt-up trailer, $950. 212-325-7234.

BOAT: '72 Boston Whaler, 16 ft., 55 hp Johnson elec., mooring cover, skiis, batt., after 6 p.m. 654-0534.

BOAT: '62 Ulrichsen skiff, 25 ft. w/10 ft. beam, hdtp., 170 hp V8, Gray marine, 280 hrs., sleeps 2, $1,900. JU 1-4372.

BOAT: 17 ft. Cruiser, Inc., outbd., '73 deep V rail, reak deck, 65 hp. Johnson, full canvas, trailer, elec. winch, $3,420. 929-4021 after 6 p.m.

BOAT: '59 Chris Craft cabinet cruiser 25 ft., head, ice box, dinette, sleeps 4, new 327 cu. in. Chevy V-8 40 running hrs., in water, $1,500. 589-9097.

OUTBD. MOTOR: '67 Johnson, 33 hp. elec. start w/contro's, $300. 567-9424.

BOAT: 21 ft. Cruisers Inc., 120 hp omc, '65 wood lapstrake, full covers, all elec., ask. $2,600. LT 9-0881.

BOAT: '71 Boston Whaler "sourpuss", '69 33 hp. Evinrude controls, gas tank, ask. $1,100. 589-7411 after 6 p.m.

BOAT: '71 Winner Eliminater, 18 ft., 60 hp. Johnson elec., trailer w/elec. winch, $2,300 compl. 676-6148 betw. 6-9 p.m.

BOAT: Lapstrake Sports Fisherman H.T., 185 hp, Flagship eng. rebuilt '73, (6 hr.) new manifolds, risers, inc. head/vanity, gallery, pres. water syst., sleeps 4, depthfind., etc., $3,800. 543-0296 after 5 p.m.

BOAT: 15 ft. Molded dundee, w/windshield, stainless steel motor mount. runn. lights, steering, motor controls, access., trailer, $450. 822-5538.

BOAT: '61 Lark III Evinrude, elec. strt., long shaft, compl. rebuilt, $225. 878-4450.

BOAT: 15 ft. fbgl. runabout, Winner, steer./eng. controls, seat cushions, new windshield, $250. 692-8437.

VW: '62, new eng., front end brks., start., $250. 676-8452.

MOTORCYCLE: '70 Honda 350cb, hibars, ss bars, low mi., $625. 427-2526.

NEWPORT: '69 Chrysler, 2 dr. hdtp., a/c, p/s, pb, ask. $1,450. 293-5974.

MISC.: Two Jacobson "Manor" 21 in. reel lawn mowers. LT 9-5859.

HOUSE: Smithtown, 6 rm., plaster walls, 1 acre, completely fenced, s/s, gar., full attic, full basemt. HA 3-6081.

ORGAN: Baldwin Model HT2R, 2 yrs. old. Has everything! Paid $5,000, will sell $2,900. 516-587-8353.

TENT TRAILER: Apache hard top, '73, 3 burner stove, sink, ice box, 12 c converter, dinette, goucho, elec. brks., used only twice. $1,350. 691-3452.

BOAT: 12 ft. alum. w/oars, 3 hp Evinrude, $135; metal hdtp. for Fiat 850 Spider, white, $135. 261-9149: Raleigh bicycle, full size, five spd., new gumwalls, $75.

PICK-UP: '64 ¾ ton, '67 eng., 4 wheel drive, snow plow & rig, blue. 922-0231.

IMPALA: '62 auto., nds. some work, $75. 587-6682.

at your SERVICE

This is a free service to Grumman personnel for non-commercial advertisements, accepted on a first-come, first-served basis. Classified advertisements are carried in PLANE NEWS only on the basis that everyone replying to such advertising will receive fair and equal consideration regardless of their race, creed, color, or national origin.

Type or print ad on form available at Employees Service and Engineering counters, and send via interplant mail to PLANE NEWS, Plant 5, Bethpage. List home phone (with area code if outside Nassau or Suffolk). Limit: one ad per person per issue. No item under $10, no firearms or ammunition.

MISC.: Boys bike, 26 in. $10; baby stroller, $10; patio slates, 30 for $10; sitdown grind. stone, $35 (antique); (2) colorado spruce, $10 ea. 796-5872.

TEXT BOOKS: For Soc 1 & 11 courses, Sociolgy by Brook & Selsnick; Readings in Sociology by Cuber & Harroff. 271-3208 evgs.

BEDS: 54 in. full size, w/remov. canopy frame, ant. wht., box spring, inner spring, one or two at $100 ea., Gail 4 to 5 p.m. 581-1779.

MISC.: Hip boots, $15; Bassinette, $10; 21 in. RCA color tv console, $125., band saw, $125. 587-0330.

TIRES: Snow, cleats, L78x15, w/w, mounted, $40. 271-7381.

MISC.: Auto a/c, w/mounts, for 302 v-8 ford. 354-0299.

FURNITURE: French prov., 3 pc., sect., blue floral, cut velvet, red club chr., $400. 293-1979.

FISH TANK: 20 gallon, w/fish, all access., $35. 587-4217 after 5 p.m.

MISC.: Violin, ¾ size, $50; (2) snow tires, VW, $10; (2) oars, 6 ft., $12; Surfboard, 6 ft. 9 in., $28. MO 9-2892.

TENT TRAILER: '69 Apache, sleeps 6, zip-on awning, xtras, $450 firm. 541-4382 after 5 p.m.

TENT TRAILER: '68 Apache, hdtp. tent, sleeps 6, ice box, dinette, 10x20 canopy, spare tire, $750. 475-0805.

TENT: Large cabin type, duocom construct., Morsans best, $95. 266-2997.

TRAVEL TRAILER: Dreamer, 13 ft., 3 burner stove, ice box, hitch, port. toilet, 8x10, add. rm., $1,500. MO 9-2487.

TRUCK CAMPER: Franklin, sleeps 6, fully self-contain., shower intercom, step bumper. 822-6514.

TRAVEL TRAILER: '71 22 ft. Trotwood, self-contained. 581-9286.

CAMPER: '72 Ford Turtle top, sleeps 4, 6 cyl., low mi. OR 6-1784.

UTILITY TRAILER: 4 x6 ft., wood, removable sides, $65. 541-1188.

PUPPIES: Toy poodles, silver grey, a.k.c., $125. CH 9-5463 after 6 p.m.

BEAGLE: 14 months, blk./wht./brn., akc., house broken, $25. 427-1946.

BICYCLES: 16 in. AMF roadmaster Javelin, Jr., for girl-boy, training wheels, $18; 16 in. columbia tricycle, $12. FO 8-6752.

MISC.: Bathrm. banity, 36 in. wide, sp. oak formica, ready for install. $80. 883-6404.

HOUSE: Shoreham, liv. rm. w/firepl., lg. elevated deck, eat-in kitch., din. rm., 2 bedrms. w/ bath, dorm. upstr. w/bath, part. fin. basemt., 1/3 acre, walk to priv. beach, country club, $58,000. 744-2013.

HOUSE: Babylon village, older colonial, walk to rr., 4 bedrms., fm. din. rm., kitch., liv. rm., bath, ful basemt., all appli., gar., patio, fenced yd., a/c. 669-3560.

LAND: Cleared, Centereach, 160 front x 100 deep, $10,000. MO 9-4535.

HOUSE: Levittown cape, 4 bedrms., 1½ baths, w/w, fenced in prop. PE 5-0907.

HOUSE: Three bedrm. ranch, 1 acre wd., stone firepl., Anderson wndws., 2 car gar., brick-stone front, cedar shingles, nr. LIE. AN 5-4940.

HOUSE: Babylon, 3 bedrm., 1½ baths, din. rm., den. att. gar., fenced yd., o/h, w/w, s/s, new self-clean. oven. 667-3793.

HOUSE: Bethpage, 6 rms. 3 bedrms., gar., fin. basemtn., w/pool tbl., wash., dryer, xtra refrig., stove, refrig. dishwash. in kitch., patio w/ overhang, above grnd. pool, occup. Dec. 1. 735-8542.

HOUSE: Hicksville, 3 bedrm. ranch, fin. basemt., bar, 2 patios, fenced, gar., carpeting, 7 appli., $39,990. 433-5291.

HOUSE: Eatons Neck, cust. built colonial, 3 bedrms., 2½ baths, 2 car gar., wd. ½ acre, priv. beach rights, $62,000. 261-1514.

LAND: Poconos, 3.1 wd. acres on main road, 10 min. from Lake Wallenpaupack. 212-353-2198.

HOUSE: Wheatley Heights, 7½ rms., 3 bedrms., form. din. rm., 16x22 fam., rm., 176x250 compl. fenced, garden, gar., patio, 16 x 16 separate summer house, alum. shop, xtras, 11 mi. to Bethpage. 643-7213.

FORD: '66 Sta. Wagon, 9 pass., 8 cyl., 289 eng., r/h, p/s, p/rr. windw., ask. $575. 265-1509.

OPEL WAGON: '72 auto., 4 cyl., 30 mpg., $2,100; '64 Chevy w/'67 motor-trans., $110. 732-0116.

COROLLA: '72 1600 delux, stand., tint. wndw., r/h, fm converter, snows, $8,500 mi., $1,900. 378-8463 after 6 p.m.

LINCOLN: '67, 4 dr., a/c, all options, $1,125. Pete, x3445.

MUSTANG: '66, eng. ok, 2 new snows, 4 new tires, new batt. muffl., $450. 757-8023.

GALAXIE: '66, 2 dr. hdtp., v-8 auto., p/s, p/b, $600. 727-0366.

FORD: '68 wagon, 10 pass., p/s, $1,200. 587-0330.

For Sale

POOL TBL.: Professional size, AMF grand prix, $800. 924-3289.

CHEVELLE: '68 Ma'ibu, 2 dr. hdtp., auto., p/s, p/b, low mi., $1,100. 212-796-3641.

GALAXIE: '66, 4 dr., r/h, p/s, x-snows, orig. owner. 364-2924 after 5:30.

MISC.: Baby coach carriage, $20; porticrib, no mattr., $15. 864-3092.

SAAB: '68, 3 cyl., radio, heater, 4 spd. manual trans., 89,500 mi., $475. 751-2449.

SAAB: '65 model 96, two cycle eng. needs work, sunroof, best offer. 364-1883 after 6 p.m.

HOUSE: North Babylon, liv. rm., din. rm., 3 bedrms., 1½ baths, patio-porch, full basemt., gar., lndscpd., 100x75. 598-2130.

BOAT: Cabin cruiser, 28 ft., 225 hp inbd., sleeps 6, heat, sink, carpet, $2,200. 543-1327.

TIRES: C78x13, G78x14, G78x15. 735-7370.

HOUSE: Strathmore colonial, Stony Brook, 4 bedrm., 2½ baths, den, patio, firepl., $42,500. 724-5989.

BOAT: Grumman, alum. sailboat, new trailer, w/ lights, 7½ new motor w/motor attachment, xtra oars, life pres., $675. JU 8-9228.

FURNITURE: 'American of Matinsville' living rm. set, 8 ft. couch, 2 end tbls., 2 lamps, 2 oil paint., 2 cigarett tbls., 1 octogonal tbl., 2 cane back chrs., $750. 751-2254.

CAMERA: 8mm roll type, Dejur, movie camera, inc. elec. eye, tripod, case, zoom lens, $35. GE 3-7706.

VW: '68 radio, snow tires on rims, 2 xtra tires, beige, 59,000 mi., $800. 581-8241 after 6 p.m.

MISC.: Mower, Yardman #250, 24 in., riding type, gas eng., $130; Jacobson rotary 18 in mower, gas eng., $25; grill, Ca'oric, gas fired, inc. 20# gas bott., $65. AT 6-0308.

CAMERA: Kalimar 135 mm, f2.8 telephoto lens, w/Nikon mount, $40; Yashica Y-16 16mm submin. camera, 3 filters, flash, case, $50. 661-8246.

BEDRM. SET: Teakwood, 5 pc., w/mattr., spring, $75. 694-8673.

HOUSE: 5 bedrms., Massapequa Park, 60x100 fenced, split w/dormer, 2½ baths, panel. playrm., form. din., $45,000. Li 1-6425.

MOTORCYCLE: '73 Honda 350cc, xtras. Mo 1-3952.

MUSTANG: '65 2+2, 289-V8, std., new ball joints, exhaust syst., water pump, batt., brks., universal

MISC.: '69 Larsen fbgl. tri-hull boat w/'69 55 hp outbd., '69 Dilly trailer, inc. access., covers, $1,800; '72 Chevy turbohydr. trans., w/2,000 mi., Hurst spd., stick shift, w/all linkages, drive shaft w/ ed, split w/dormer, 2½ baths, panel, playrm., univers. & flywheel, $150; Sunburst Univox elec. guitar w/case, $50. ED 3-1548.

BABY CARRIAGE: Builtrite, $25. 732-4767.

OBITUARIES

Plane News has received word that death has come to the Grumman personnel listed below. We extend sincere sympathy to relatives and friends.

HARRY C. HENSHAW of Product Control, Plant 4, died September 2 at the age of 60. He had been with the company since 1941 and lived at 1667 Carriage Drive West, Titusville, Florida.

ROBERT L. BAVERSTOCK of PPO Space, Plant 25, died September 3 at the age of 54. He had been with Grumman for over 12 years and lived at 2956 Cambridge Road, Wantagh.

HENRY V. OSTROWSKI of Facilities Maintenance, Plant 14, died September 13 at the age of 48. He had been with Grumman since 1959 and lived at 165 Loring Road, Levittown.

ROBERT CHERVINSKI of Structures, Plant 6, died September 18 at the age of 23. He had been with the company since August 20 and lived at 1 Parkville Court, Riverhead.

THOMAS H. DEWAR of Warehouse, Plant 6, died September 21 at the age of 57. He had been with Grumman since 1965 and lived at 39 Harris St., Patchogue.

For Sale

HAIR DRYER: G.E. port. prof., w/remote contr., $15. 354-7986.

MISC.: Delta products, Mark ten B ign. syst., for car or boat, never used, cap. discharge type 12 volt negative grnd., $32. 731-7406.

GO KART: '72 Stinger, by bug 91B1 Reed eng., $400. 727-0221.

CEMENT MIXER: Essick elec., ½ as barrel type, $95; cement block maker, $10. 744-9001.

OUTBD.: '72 Evinrude, 65 hp triumph, elec. start, elec. shift, 2 gas tanks, used 1 season, $725. 744-9396.

DOGS: German short haired pointers. hunting stock, meat dogs, males only, $150. 727-6441.

MISC.: Biltride carriage, $25; exerciser, scale, car bed, playpen, steri'izer, $20. 543-2589.

HOUSE: Old Bethpage, ranch, ¼ acre, treed, fenced, 3 bedrms., fin. basemt., new dishwash., other app'i., s/s, att. gar., 2.9 mi. from Grumman, $47,500. 293-7710.

CORVAIR: '65 4 dr. ht., 4 new tires, new muffl. 293-2658.

BOAT: 12 ft. Super snark sailboat, "sunflower", seats 2-3, ask. $130. 628-1435.

HOUSE: Bay Shore, 2 bedrm. exp. cape, full basemt., att. gar., 100x200, fenced, lndscpd. 665-6134.

VW: '71 Fastback, auto., 28,000 mi., just tuned, vinyl tp., $2,100. 822-6975.

SKYLARK: '72 Buick, 2 dr., auto. V8, p/s, p/b, tint gl., $2,550 firm. 731-2954.

BOAT: Sailboat, 21 ft. Venture, motor, trailer, M, J, G sails, on mooring, $2,650. 271-5583.

MISC.: '63 Buick Skylark, $25; (4) B78-13 belt., w/w tires, less than 1,000 mi., $35. 543-4316.

HOUSE: 3 acres, Hunter Mt., 2 bedrms. bath, eat-in kitch., liv. rm. w/firepl., den, laund. rm., 7 mi. from ski bowl., $30,000. 354-7986.

MISC.: Stereo components, 30 watt amp., am/fm tuner, Garrard changer, $60. 543-0044 after 6 p.m.

SAILBOAT: Lightning sails, dinghy, bumpers, anchor, $375. AN 1-1364.

HOUSE: Farmingdale, 3 bedrm., ranch, 4 rm. fin. basemt., walk in cedar closet, built-in pool, $45,000. 694-6062.

BOAT: Lapstrake sports fisherman, H.T., 185 hp Flagship eng. rebuilt '73, (6 hrs.), new manifolds, risers, inc. head/vanity, gallery, press. water syst., sleeps 4, depth finder, etc., $3,800. 543-0296.

MOTORCYCLE: '71 Triumph boneville, 650cc, $900. PY 6-1290.

MOTORCYCLE: Honda '71 SL-100, trail., low mi., $375. HA 3-4937.

VW: '64 sunroof, new upholst., $250. 751-1706 after 5.

AMBASSADOR: '66 conv., white, p/s, p/b, a/c, $375. 676-1780 after 3 p.m.

TRAILER: Starcraft '69 hdtp. camper, sleeps 6, propane stove, sink, icebox, dinette, $825. 293-8343 evgs./weekends only.

KARMANN GHIA: '69 orange conv., 25,000 mi., $1,195. 796-2340.

CHALLENGER: '72 Dodge, new tires, console, bucket seats, 8 cyl., ask. $2,500. 669-6233.

WHEELS: (4) Cragor mag. wheels, 14x7, 5 hole chev. pattern, 4 yrs., w/stud locks. $58. AN 5-1718.

TIRES: (2) tires, new, 400 mi., J78x14, 6 p'y. polyester/fbgl., w/w, w/rims from Olds., too heavy for old car, $54. HA 7-8453.

SKYLARK: '72 Buick, 4 dr., 350cc, grn./blk. vinyl tp., a/c, p/s, p/b, t/w, (6) w/w, inc. snows, delux w/c, chrome stripp., bumper guards, etc., $2,950. 889-6038 after 6 p.m.

OLDS: '63 F85, 4 spd., H661 carb., $200. 587-7919.

OLDS: '64, 98, conv., p/s, p/b, fm radio, $150. 273-4125.

ROADRUNNER: '72 Plymouth, 400 4-barr., auto., p/s, p/db, a/c, bucket seats, console, rallye wheels, vinyl roof, stripes, red, w/wht. tp. & int., 473-6013.

TIRES: (2) Goodyear suburbanite, snows, wht. stripe, mtd., 825x14, $40. 666-8685 after 4:30 p.m.

TIRES: (2) snows, for Maverick, used $3,000 mi., $20. PR 5-0845.

FURY III: '72, 4 dr., hdtp., lt. blue, blk. vinyl top., wht. int., p/s, disc brks., a/c, radio. HU 8-2772 after 4 p.m.

BONNEVILLE: '69 hdtp., 428 ci., new tires, all pwr., a/c, $1,300. 727-7831.

MOTORCYCLE: '69 Triumph Bonneville, 650cc, 212-523-7714.

KAWASAKI: '72 90cc, direct., low mi., $320. A. Ingino, Ext. 7304.

For Sale

OLDS 422: '68, 455 eng., new crane cam, hi-riser, holley carb., 4 spd. hurst, posi-rr., G60's & L60s on chr. rims, headers, ask. $1,995. 363-2856.

MOTORSCOOTER: Vespa 150cc, 300 orig. mi., helmut inc. 864-7731.

HOUSE: Hauppauge, 4 bedrms., hi-ranch, 1½ baths, den w/firepl., fenced, w/w, 1/3 acre, att. 2 car., lndscpd., $42,000. 543-0131.

DELTA 88: 4 dr. hdtp., fully equip. exc. a/c, $500. MY 4-2629.

HOUSE: Bethpage, colonial, 4 bedrms., 2 baths, liv. rm., din. rm., eat-in kitch., den, store rm., ½ bath, full basemt., tile f'oor, a/c, lndscpd., fenced., patio, pool, 9 yrs., $52,500. GE 3-8754.

HOUSE: 8 rm. colonial, Commack, fenced, auto. sprink., fully carpet., $48,000. PE 5-4161.

HOUSE: Lindenhurst, 5 rms., bath, encl. porch, 2 car gar., $24,500. 226-2256.

HOUSE: Smithtown, Sterling Ridge, 8 rm. colonial hi-ranch, 4 bedrm., lg. kitch., form. din. rm., lg. den, oversized 2 car gar., utility rm. w/ new washer-dryer, new w/w, fully a/c, lg. patio, lg. sundeck, $42,000. 265-3463.

HOUSE: Brentwood, 3 bedrms. ranch, all appli., a/c, 75x100, many xtras. $28,990. 273-7594.

HOUSE: Islip Terrace, 3 bedrms. ranch, 1½ baths, sunken den w/firepl., study, fenced, patio, full basemt., $38,000. 277-0443.

HOUSE: Bethpage, lg. 3 bedrm. split, 2½ baths, 2½ car. gar., elect. gar. dr., centr. a/c, alum. siding, 22x15 covered patio, 22 ft., pannel. den, all appl., w/w, drapes, $50,990. WE 5-2830.

HOUSE: Rocky Point, 3 bedrm ranch, 1/3 wood, acre, w/w carpet, 1/r, d/r, fam. rm., att. gar., washer, dryer, 6% mort. 744-3325 after 5:30 p.m.

HOUSE: No. West Babylon, liv. rm., 2 bedrms., laund. rm. mod. eat-in kitch., gar., full basemt., oil/hot water heat, new siding and roof,, panel. liv. room, bedrm., owner will hold mort. MO 9-5138.

HOUSE: Brentwood, 2 br., liv. rm., s/s, w/w, compl. panelled., 2 car. gar., 100x175 fenced, ask. $31,990. 273-5183.

HOUSE: L-shaped ranch, 3 bedrms., liv. rm., din. rm., lg. kitch., dinette, 2½ baths, laund. rm., full basemt., 2 car., w/elect. drs., central a/c, firepl., all appli., carpet in liv. din. foyer, takeover 6% mort. 924-8467.

HOUSE: Stonybrook-Setauket, 3 bedrms., L ranch, liv. rm., din. rm., fam. rm., w/firepl., laundry rm., 5 appli., s/s, plus 13, many xtras, $47,500. 751-2179 after 5 p.m.

HOUSE: Bethpage, 6 rm. ranch, lndscpd., eat-in kitch., fin. basemt., 18 ft. pool w/deck, $38,900. 931-4786.

DINGHY: 8 ft. Penn Yan fbgl., oars, oar locks, anchor, compl., $80. 433-3225.

BOAT: 27 ft., fbgl. cabin cruiser, '62, 188 hp gray, navy tp., stand-up head, dinette, galley, sleeps 4, winter cover, $4,500. 742-1747.

BOAT: 15 ft. fbgl. Galstron, 85 hp Evinrude, sleeps 2, canv. tp., trailer, gas tanks, $1,200. 862-8371.

SAILBOARD: 11 ft., fbgl., complt., $75; 4 hp. Elgin, early 60s, $25. 587-8479.

BOAT: '61 19 ft. Penn Yan, 85 hp Volvo, inbd./ outbd., cabin, w/w, new cush., auto. bilge, pump, new curtains, batt. starter, toilet, sink, $1,895. 842-7590.

BOAT: 17 ft. runabout, 35 hp, Evinrude, trailer, $350. 931-2529.

BOAT: 12 ft. Jersey skiff type, w/trailer, 5.5 hp Evinrude fisherman, oars, anchor, lights, fire ext., new USCG approv. cush., cruise-a-day tanks, cedar-oak, 2 yrs. 727-7831.

BOAT: '70 fbgl. boat, tri-hull, bow rider, w/bow rails, 40 hp Evinrude, inc. compass, oar, Navy tp., tilt trailer, xtras, $1,375. GE 3-7706.

BOAT: '72 14 ft. Sea Star, w/40 hp Evinrude, inc. anchors, lines, life pres., gas tank hose, $1,100 firm. 667-0504 before noon.

BOAT ENG.: '66 60 hp Evinrude, outbd., V-4, elec. start., not used '72-73. 798-8370.

DINGHY: 8 ft. pram, plywood/fbgl., oars, used one season, $50. 922-7598.

FORD STA. WAGON: '64 Country Squire, 9 pass., a/c, roofrack, r/h, orig. owner, $325. 261-0975.

PONTIAC: '72 Granville, 2 dr., vinyl tp., a/c, p/w, radio, $2,950. FR 9-0357.

OLDS 442: '71 455 ci. 4bbl., auto., p/db, pp/s, a/c, vinyl roof, bench seat, wired for tape deck, $2,500. 669-0513 after 6.

LE MANS: '65 2 dr., 326 3 spd. hurst, new tires, buckets., console, dual exh., $400. 433-5651 betw. 5-6 p.m.

CHEVY: '60 4 dr., r/h, $100. 420-9586.

For Sale

MOTORCYCLE: '68 Sportster XLCH 900cc, all chr., 74 in., rr. wheel, cust. paint, & seat, new clutch, $1.750. 261-4796 evgs.

MOTORCYCLE: '68 650 cc Triumph, compl, chopped, hart tail front ned, tank, seat - paint twister, 2 bars, eng. just re-built, new chain, runs good, $850. 289-8216.

PONTIAC: '68 2 dr. hdtp., orig. mi., one owner, p/b, p/s, a/c, ask. $1,200. GR 5-6129 after 6 p.m.

MISC.: Sears clothes wash., elec. dryer, wht., 7 yrs., both $75. 757-1733.

HORSE: Buckskin Gelding, 14.3, 5 yr., gentle, broken to western or english, $500. 864-6174.

DIN. RM. SET: 60 in. hutch, 6 upholst. chrs., lg. tbl., 2 leafs, all wood, $395. 581-6952.

AIR COND.: York Bristol (slot), 7,000btu, 7.5 amps, fits 26 in. or wider dbl. windw., size 26x21¼x16, ask. $185. 585-1234.

CAMPERS EQUIP.: Morsan cottage tent, 18x10 ft., $851 Tent campers util. trailer, compl., $100, 3 burner, coleman stove, w/stand, $20; traveling kitchen $10; other camper xtras. 226-3133.

MALIBU: '69 350 ci., 300 hp, hurst, 4 spd., b/w int., G60 on rear, slotted alum. wheels, $1,175. PE 5-4161.

REFRIG.: 12 cu. ft., $100. 698-1776.

MOBILE HOME: '71 Schult, loc. Florida, fully furn., intercom syst., radio install., hallway & bedrms., shag rugs, centr. a/c, $13,000 or $6,500 cash-buyer assumes mort. 212-946-3590.

GUITAR: Guild Starfire elec., w/case, $125; Fuzz Wah-wah pedal, $35, both $150. 981-9452.

MISC.: (4) wooden kitch. chrs., $15; patio umbrella-metal stand, $25; sofa-bed, $150; (2) sofa chrs., $60. 588-6364.

RINGS: Matched set, ½k engagement ring, four stone wedding ring, guar. appraisal of $500, best offer over $350. J. Faust, 9042.

SKIS: Head 360, 200cm, no bind., beginner ski, used two season, $50. 543-0044 after 6 p.m.

WASHER: Hotpoint, $30. 732-5384.

REFRIG.: Westinghouse, wht., $50. 798-4720.

POOL FILTER: Lomart s/s, diatomate, w/backflush, ¾ hp motor, $40; 15 ft. x 4 ft. 20 ga. winterized vinyl liner, $10. 731-3328.

KITCH-DINETTE SET: tbl. 36x72 inc. leaf, form. tp., mahog., 8 chrs., vinyl cov., $95. MY 1-5948.

MISC.: Surfboard, $25; Scott spreader lg., $15; (2) VW snow tires, $10; (2) 6 ft. oars, $10. MO 9-2892.

SOFA: Liv. rm., cust. made, newly cover., olive gold, cream, orange print, w/pillows, ask. $60. 842-7590.

CAMERA: Bell-Howell, super 8, auto. zoom, w/ optronic eye, $25. 433-7619.

MISC.: Orig. oil painting, 24x48, $50; 24x36, $40. frames not incl. 587-8974.

GOLF CLUBS: 12 Jack Nichlaus clubs, lg. leather bag, 3 wd., 8 irons, 1 putter, set used three times, incl. balls, tees, etc. WE 5-0473 after 6 p.m.

MISC.: Marble tp., Victorian chest, $50; child's hdwd. combin. high chair-play tbl., $12. WE 1-0691.

PIANO: Kohler Campell Spinet, 7 yrs., $500. 825-5732.

COUCH: Gold, needs new cush., $20. 724-3720.

plane GRUMMAN news

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Big sendoff. President Joe Gavin showed up on 'graduation' day at Plant 39 for those who completed a four-week training course on the EXCEL program. Eighteen of the participants are now working as analysts in various sections of Grumman Aerospace; others attending the course were from staffs of operating departments and were to carry the EXCEL message back to their own groups to acquaint them with the new program. (Photo by Marie Trimborn)

Set Oct. 31 deadline for Art-Photo Show entries

It's show time again. Although the Grumman Athletic Association is busily involved with the upcoming Hobby Show, scheduled to start October 1, the GAA staffers have issued an alert to another group of hobbyists that their big day is coming. The annual Art and Photography Show is scheduled to begin on Monday, October 29, when entries will be accepted at the Plant 28 auditorium from 12 noon to 1:30 p.m. and again from 4 p.m. to 6:30 p.m. Entries will also be accepted on Tuesday, October 30, and Wednesday, October 31, during the same hours. At Calverton, Katherine Eng, Ext. 629, will accept entries.

Open to public

The display will be open to the public starting Thursday, November 1, from 4 p.m. to 7 p.m. On Friday, November 2, exhibit hours are 12 noon to 1:30 p.m. and 4 to 7 p.m., while on Saturday, November 3, and Sunday, November 4, the show will be open from 12 noon to 4 p.m.

Categories in the Art Show include:

1. Oil, plastics, acrylics - landscapes - seascapes
2. Oil, plastics, acrylics - non-objective, abstracts, still life, miscellaneous
3. Oil, plastics, acrylics - figure portrait
4. Oil, plastics, acrylics - nature (animals, birds, etc.)
5. Water colors
6. Pastels
7. Black and white, graphics, etc.
8. Sculpture

Paintings should be framed, wired, and ready to hang, and may not exceed 48 inches, including frame. And GAA reminds all exhibitors that entries should have been completed during the past year and that entries from past years will not be accepted.

Categories in photography include:

1. Black and white - scenes and miscellaneous; still life and abstracts; people and human interest; animals and nature
2. Color prints - scenes and miscellaneous; still life and abstracts; animals and nature
3. Color slides - miscellaneous; still life and abstracts; people and human interest; animals and nature
4. Architecture
5. Snapshots (photo taken with hand-held camera and informally taken, maximum 4 x 5 inches)

Among the other exhibit rules established by GAA are: color prints and black and white prints must be mounted and suitable for showing, with minimum size 8 to 10 inches (except for snapshots). Photos must have been taken during past year and entries from previous photo shows will not be accepted.

GAA also notes that a person can win only one award in same category. For further information, call GAA, Ext. 2133 or 2269.

Pin openings

There are still bowling leagues that are in need of individual keglers to fill existing teams. One loop, the Hawkeye Mixed, rolls Tuesdays starting at 7:30 p.m. at Syosset Lanes. Call Phil Alfano, Ext. 2548, for that one, but for other possible openings, call GAA, Ext. 2133.

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Tee time. It was a shotgun start —with Mike Cherry doing the firing—for the 130 participants in this year's GAA open golf tourney, which was held at the Hampton Country Club in Riverhead. Top award winners in the competition were Mike Vitterito and John Malanczuk with the low score of 80. (Photo by Ed Finnick)